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packing the consecutive new data words consecutively in a token buffer of a
second width without holes between the packed new data words; and
unpacking the data words to reproduce the new sequence of new data
words.

- 2. The method of claim 1, further comprising:
- writing a block of data from the token buffer to a random access memory device configured to store words of the second width.
  - The method of claim 1, further comprising:
    expanding out run length code in the unpacked words.
  - 4. An inverse modeler, comprising:
- a data unpacker to unpack data words received from an input terminal to a different length format;
- a data expander coupled to the data unpacker; and
- 5 a data padder to pad data tokens received from the expander.
- 5. The inverse modeler of claim 4, wherein the data expander expands out run length codes into runs of zeros followed by a level in the packed data.
- 1 6. The inverse modeler of claim 5, wherein the data padder pads the last 2 word of the expanded tokens.